



City of West Lafayette, Indiana Board of Public Works and Safety

Sheraton & Fairway Knolls Lift Station Improvements

Public Hearing
November 5, 2013

Agenda

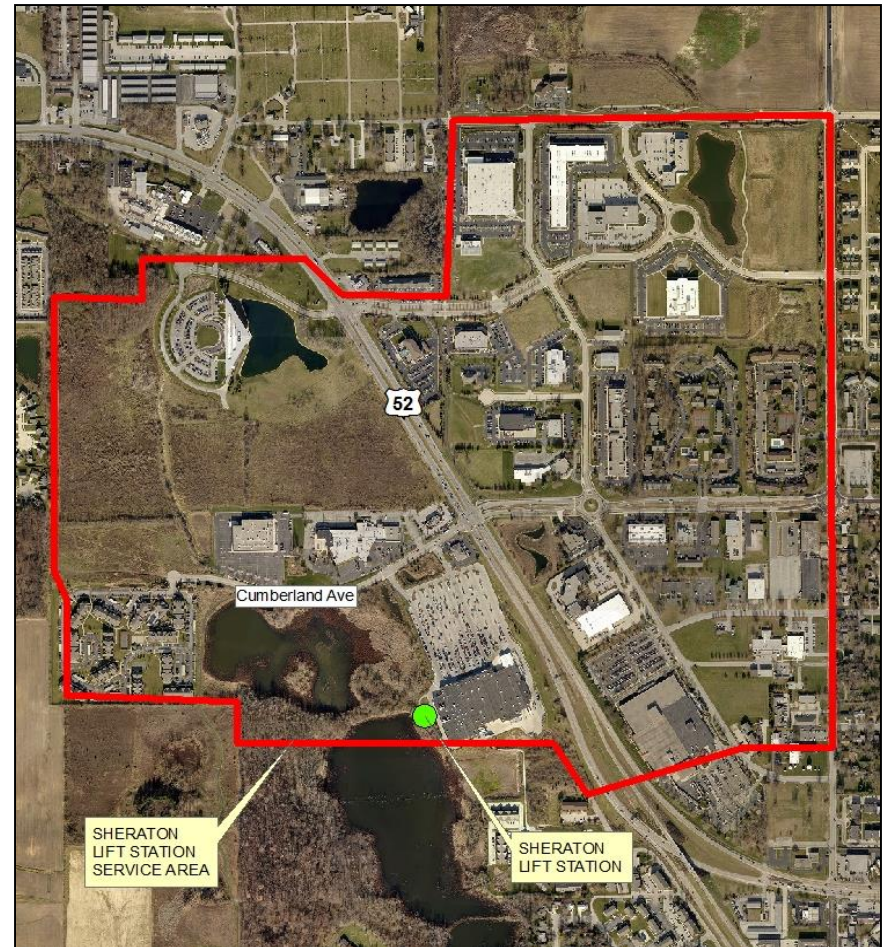


- **Project Need**
- **Alternatives Evaluation**
- **Recommended Plan**
- **Environmental Impact**
- **Project Financing**
- **Schedule**

Project Need

Sheraton Lift Station

- **Aging Infrastructure**
 - Constructed in 1974
- **Backup Power**
- **Efficiency/Safety**



Project Need

Fairway Knolls Lift Station

- **Aging Infrastructure**
 - Constructed in 1963
- **Backup Power**
- **Efficiency/Safety**



Alternatives Evaluation



■ Alternative 1 – No Action

- Does not address need for providing reliable service

■ Alternative 2 – Lift Station and Force Main

- Replace existing lift stations with packaged above-ground lift stations with a standby generator
- Replace existing force mains

Recommended Plan

■ Lift Station and Force Main

■ Sheraton

- Lift Station – 740 gpm
- Force Main – 3,800 feet of 10”

■ Fairway Knolls

- Lift Station – 350 gpm
- Force Main – 2,200 feet of 6”

Recommended Plan



Environmental Impacts



- **Short-Term Impacts:**
 - Construction related/noise/dust/traffic
 - Project specifications will address
- **No Impacts to:**
 - Archeological/Historical Sites
 - Wetlands
 - Floodways
 - Streams

Project Financing



- **Estimated Project Cost: \$2.4 million**
- **Current SRF Interest Rates (Oct. 1 – Dec. 31, 2013)**
 - Tier III median house hold income
 - Under \$30/month average rate
 - 3.11% interest rate
- **Estimated monthly sewer bill of \$28.06 per 5,000 gallons will remain unchanged**

Green Project Reserve



- **Sustainability Incentive Program**
 - **Reduce Resource Consumption for: energy, water, construction materials**
- **Energy efficiency: Savings of 20%+**
- **Benefit: City will receive maximum interest rate break of 0.5%. Proposed interest rate would be 2.61%.**

Schedule



Activity	Completion Date
PER Submittal	November 2013
Anticipated PER Approval	December 2013
Advertise For Bids	February 2014
Receive Bids	March 2014
Loan Closing/Contract Award	April/May 2014
Begin Construction	June 2014
Complete Construction	June 2015

Questions ?

